

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Heng Liu

Title: Chemical Vapor Deposition Reactor

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Application No.: 10/621,049

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June 28, 2005

**Via Facsimile to (703) 872-9306**Mail Stop AMENDMENT  
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I hereby certify that the following documents are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

- 1) This Transmittal;
- 2) Amendment Transmittal;
- 3) Response to Office Action dated December 29, 2004 (5 pages); and
- 4) Petition for Extension of Time (3 months).

Dated: June 28, 2005

  
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**IN THE CLAIMS:**

Claims 1-160. cancelled.

Please add new claims 161-164 as follows:

161 (new) A chemical vapor deposition reactor system comprising:  
a plurality of chambers;  
a rotatable wafer carrier disposed within each of the chambers; and  
a common reactant gas supply configured to provide substantially the same gas mixture to each chamber.

162 (new) The chemical vapor deposition reactor system as recited in claim 161, further comprising a common gas exhaust system for the chambers.

163 (new ) The chemical vapor deposition reactor system as recited in claim 161, wherein each chamber is a comparatively small chamber.

164 (new ) The chemical vapor deposition reactor system as recited in claim 161, wherein each chamber defines a seven wafer reactor.

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